

From: [Elizabeth Southerland](#)
To: [OSWER SF Reg DDs](#); [OSWER SF Reg Branch Chiefs](#)
Cc: [James Woolford](#); [Barnes Johnson](#); [Elliott Gilberg](#); [Helen Dawson](#); [Thea Williams](#); [Jennifer Wilbur](#)
Subject: New IRIS toxicity values for Trichloroethylene (TCE)
Date: 09/29/2011 09:45 AM
Attachments: [TCE.xlsx](#)

New IRIS toxicity values for TCE were published yesterday for use in Agency risk assessments (<http://www.epa.gov/iris/subst/0199.htm>) For drinking water, Regions should continue to use the current MCL of 5 ppb TCE as the cleanup level. For vapor intrusion, Regions should now use the new IRIS IUR and RfC as the basis for cleanup levels, consistent with the NCP and long standing Superfund program guidance. The new toxicity values used with standard exposure assumptions result in an air concentration of 0.5 ug/m³ being protective at the 10⁻⁶ cancer risk level and 2 ug/m³ being protective of noncancer effects. Superfund's five year review process will be used to evaluate the protectiveness of remedies currently in place in a manner consistent with these new IRIS values.

In order to assist you in responding to questions you may receive from the press or public, we are attaching a list of the 761 proposed, final or deleted NPL sites where CERCLIS records indicate TCE was detected in ground water or soil.

If you have any questions about this information, please call me at 703-603-8855 or have your staff call Helen Dawson at 703-603-8833.

